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Seaton

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May 15, 2001


Assistant Commissioner for Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

**Re: U.S. Patent Application Serial No. 09/772,066**  
**For: BUSINESS METHOD FOR PROVIDING WIRELESS COMMUNICATION**  
**SERVICES AND NETWORK AND SYSTEM FOR DELIVERING SAME**  
**Our Reference: 50310-00630**

Dear Sir:

Transmitted herewith for filing in the U.S. Patent and Trademark Office in connection with the above-referenced application are the following documents: (1) Transmittal Form (1 sheet); (2) Fee Transmittal Form (1 sheet); (3) a Response to Notice to File Missing Parts of Nonprovisional Application (1 sheet); (4) a copy of the Notice to File Missing Parts of a Nonprovisional Application (1 sheet); (5) an executed Declaration and Power of Attorney (4 sheets); (6) Recordation Form Cover Sheet Patents Only with executed Assignment (5 sheets); (7) formal drawings depicting Figs. 1-34 in compliance with 37 CFR 1.84 (in duplicate) (76 sheets); (8) a Preliminary Amendment (2 sheets); (9) an Information Disclosure Statement and PTO Form 1449 with 7 references cited thereon (130 sheets); (10) a Request for Corrected Filing Receipt with changes noted in red on copy attached thereto (2 sheets); and (11) a check in the amount of \$188.00 (\$130 for late filing fee for oath; \$18 for extra claim over 20; \$40 for recording assignment).

Sincerely yours,

  
PATRICK J. COYNE, Reg. No. 31,821  
MARK W. RYGIEL, Reg. No. 45,871

Enclosures



#3

Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

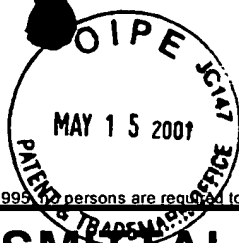
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/772,066	
	Filing Date	January 30, 2001	
	First Named Inventor	Doug Hutcheson et al.	
	Group Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	232	Attorney Docket Number	50310-00630

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>PTO Form 1449 with references; Request for Corrected Filing Receipt</b>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	PATRICK J. COYNE/MARK W. RYGIEL Collier Shannon Scott, PLLC
Signature	<i>Patrick J. Coyne</i>
Date	May 15, 2001

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <input type="text"/>			
Typed or printed name			
Signature		Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



#3

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$188.00)

## Complete if Known

Application Number	09/772,066
Filing Date	January 30, 2001
First Named Inventor	Doug Hutcheson et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	50310-00630

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number
- Deposit Account Name
- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☒ Payment Enclosed:
- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)-0-

### 2. EXTRA CLAIM FEES

Total Claims 53 -20\*\* = 1 X 18 = 18

Independent Claims      -3\*\* =      X      =     

Multiple Dependent      =     

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$18.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$170.00)

## SUBMITTED BY

Name (Print/Type)	Patrick J. Coyne	Registration No. (Attorney/Agent)	31,821	Telephone	202.342.8400
Signature				Date	May 15, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

#3

OIP  
MAY 15 2001  
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Doug Hutcheson et al.

Application Serial No.: 09/772,066

Filed: January 30, 2001

For: BUSINESS METHOD FOR PROVIDING WIRELESS COMMUNICATION  
SERVICES AND NETWORK AND SYSTEM FOR DELIVERING SAME

Attorney Docket #: 50310-00630

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
NONPROVISIONAL APPLICATION**

Assistant Commissioner for Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

Dear Sir:

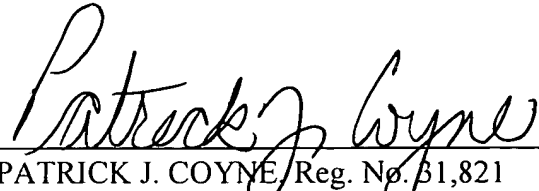
In response to the Notice to File Missing Parts of Nonprovisional Application mailed March 15, 2001 Applicants' attorney submits the following documents in order to complete the formal requirements for the above-referenced application.

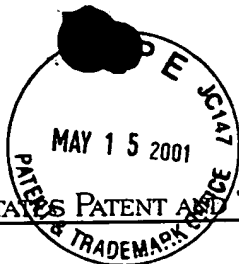
- (1) Copy of Notice to File Missing Parts of Nonprovisional Application;
- (2) Executed Declaration and Power of Attorney;
- (3) Recordation Form Cover Sheet -- Patents Only, with executed Assignment of Application of United States Patent attached thereto;
- (4) Formal drawings depicting Figs. 1-34 in compliance with 37 CFR 1.84; and
- (5) Preliminary Amendment.

A check in the amount of \$188.00 to cover the Government surcharge (\$130 fee for the late filing of the Oath; \$40 for recording of the Assignment; and \$18 for extra claim fee) is enclosed herewith.

Respectfully submitted,

Dated: May 15, 2001

  
PATRICK J. COYNE, Reg. No. 31,821  
MARK W. RYGIEL, Reg. No. 45,871  
COLLIER SHANNON SCOTT, PLLC  
3050 K Street, N.W., Suite 400  
Washington, D.C. 20007  
(202) 342-8400



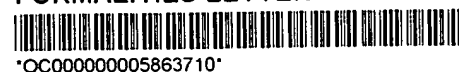
## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D. C. 20531  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/772,066	01/30/2001	Doug Hutchenson	50310-00630

CONFIRMATION NO. 8177

## FORMALITIES LETTER



\*OC000000005863710\*

25243  
COLLIER, SHANNON, SCOTT, PLLC  
3050 K STREET, NW  
SUITE 400  
WASHINGTON, DC 20007

Date Mailed: 03/15/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/16/2001 SDIRETA1 00000009 09772066

FILED UNDER 37 CFR 1.53(b)

01 FC:103 18.00 OP  
02 FC:105 130.00 OP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- Total additional claim fee(s) for this application is \$18.
  - \$18 for 53 total claims over 20.
- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 148.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*



#4  
LH  
6/12/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:                      Doug Hutcheson, et al.

Application Serial No.:                      09/772,066

Filed:    January 30, 2001

For:    BUSINESS METHOD FOR PROVIDING WIRELESS  
COMMUNICATION SERVICES AND NETWORK AND SYSTEM  
FOR DELIVERING SAME

Attorney Docket #:                              50310-00630

REQUEST FOR A CORRECTED FILING RECEIPT

The Assistant Commissioner for Patents  
Washington, D.C. 20231

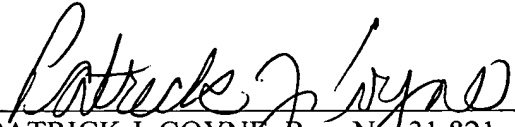
Dear Sir:

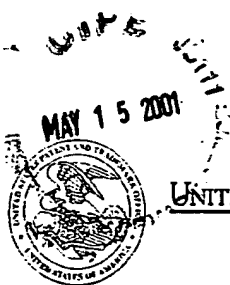
Applicants respectfully request that the filing Receipt for the above-mentioned application,  
a copy of which is attached, be corrected to reflect the changes as shown in red.

Thank you for your prompt attention to this matter.

Respectfully submitted,

Date: May 15, 2001

  
\_\_\_\_\_  
PATRICK J. COYNE, Reg. No. 31,821  
MARK W. RYGIEL, Reg. No. 45,871  
COLLIER SHANNON SCOTT, PLLC  
3050 K Street, N.W., Suite 400  
Washington, D.C. 20007  
(202) 342-8400



MR 50310-00630 25

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/772,066	01/30/2001	2681	1966	50310-00630	31	73	7

CONFIRMATION NO. 8177

25243  
COLLIER, SHANNON, SCOTT, PLLC  
3050 K STREET, NW  
SUITE 400  
WASHINGTON, DC 20007

## FILING RECEIPT



\*OC000000005863709\*

MAR 26 2001  
DW

Date Mailed: 03/15/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) Hutcheson, San Diego, CA;  
~~Doug Hutchenson, Residence Not Provided;~~  
Michael Brink, Bend, OR; Scot Jarvis, Sammamish, WA

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 03/14/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Business method for providing wireless communication services, and network and system for delivering same

Preliminary Class

455